

011654



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200
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D412-702-073
Job Sheet 198609

Part No: D412-702-073 Job Qty: 2 pcs

Part Name: Comfort Crew Shoulder Harness



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/31/19

Job Tracking No:

Due Date: 8/30/19

Created By: Marie Lajeunesse

Type: Stock *SAO*

Description:

Note: DWG REV B IPP REV:A 13.04.05 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
105	Packaging 1 - Pick Kit	2 pcs	8/30/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4	<i>ML</i>	
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		
							Packaging 1 - 31		

DART AEROSPACE
Container No: S209716
Part: D412-702-073
Job No: 198609
Serial No/Batch: S209716
Revision:
Inspector:
Exp Date:
Instructions: TC STC SH04-7 Issue 3 of 4

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CANADA
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120 QC 4	2 pcs	8/30/19	0.00 0.00	Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	M@ 8/29/2019
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
QC 4 - 75					
130 Packaging 3-1 - Stock - B4B	2 pcs	8/30/19	0.00 0.00	Packaging 3 - 1 - B4B	M@ 8/29/2019
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				135 DC - 1 - B4B	2 pcs
DC - 2 - B4B	21				
140 QC 21 - FG	2 pcs	8/30/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	242 AUG 29 2019
				QC 21 - SA - 53	
Part Op 105 - (Pick Kit)					
Descriptions: 120 - (QC4- 100% Inspect kits for completeness)					
130 - Identify and pack for shipping as per PPP D412-702-073 Location:					
135 - (Document Control) Photocopy bluefile & type labels per PPP D412-702-073 CHG001					
140 - (QC21- Final Inspection - Work Order Release)					

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
AN3-10A	Bolt	4 Ea (2 ea)	105-Packaging 1 - Pick Kit	514-1721
AN3-4A	Bolt	8 Ea (4 ea)	105-Packaging 1 - Pick Kit	516-1721
AN4-6A	Bolt	4 Ea (2 ea)	105-Packaging 1 - Pick Kit	516-1721
D4305-043	Shoulder Harness Assembly	2 pcs (1 ea)	105-Packaging 1 - Pick Kit	516-1721
MS21042L3	Nut	12 Ea (6 ea)	105-Packaging 1 - Pick Kit	516-1721
MS21042L4	Nut	4 Ea (2 ea)	105-Packaging 1 - Pick Kit	516-1721
NAS1149D0332J	Washer	20 Ea (10 ea)	105-Packaging 1 - Pick Kit	516-1721
NAS1149D0363J	Washer	12 Ea (6 ea)	105-Packaging 1 - Pick Kit	516-1721
NAS1149D0432J	Washer	8 Ea (4 ea)	105-Packaging 1 - Pick Kit	516-1721
NAS1149D0463J	Washer	8 Ea (4 ea)	105-Packaging 1 - Pick Kit	516-1721
AN970-4	Washer	8 Ea (4 ea)	105-Packaging 1 - Pick Kit	516-1721

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
105-Packaging 1 - Pick Kit	AN3-10A	4	142	0
	AN3-4A	8	420	0
	AN4-6A	4	423	0
	AN970-4	8	51	0
	D4305-043	2	12	0
	MS21042L3	12	852	0
	MS21042L4	4	2,669	0
	NAS1149D0332J	20	2,553	0
	NAS1149D0363J	12	1,767	0
	NAS1149D0432J	8	164	0
	NAS1149D0463J	8	4,856	0

Part Specifications

Specifications could not be found.

Plex 7/31/19 8:47 AM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



Route update only

NCR No. _____

Job: _____
Part No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐

DEPARTMENT/PROCESS

Skid-tube ☐
Machining ☐
Large Fab ☐

Cross tube ☐
Small Fab ☐
Finishing ☐

Eng. (Non-AW) ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐

Engineering ☐
Water Jet ☐
Supplier ☐
Quality ☐

Date :

Sequence #:

QTY Affected :

MRB (QS1042)

Description Work Order Deviation

Disposition

Root Cause

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Preservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

FAULT CATEGORY

Pressure/Forced Bending ☐
Crushing ☐
Cracks ☐
Crimp/Kink/Ripple/Wave/Twist ☐
Marks/Chatter ☐
Mislabeled ☐
Other/Details: _____

Contamination ☐
Misaligned/off center ☐
BOM/Route ☐
Broken/Damage/Defect ☐
Incomplete/Unclear Instructions ☐
Drill Holes ☐
Fit/Function ☐

Power Loss/Surge ☐
Folio/Program ☐
Grain Direction ☐
Weld ☐
Wrong Stock Pulled ☐
Out of Sequence ☐
Off-set/Set-up ☐

Positioned Wrong ☐
Outside Tolerance ☐
Drawing ☐
Finish ☐
Part Lost/Missing ☐
Misread ☐

Completed By	
Lead hand / Supervisor	
QC / QA Coordinator	

Change Record

PAGE 1 OF 1

Part Number: D412-702-073

Description: PILOT/CO-PILOT SHOULDER HARNESS, LH/RH

[illegible]

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D412-702-071	-2.6 lb	± 22.0 in	± 57.2 in lb	47.0 in	-122.2 in lb
Pilot/Co-pilot Shoulder Harness Kit	-1.2 kg	± 0.56 m	± 0.67 m kg	1.19 m	-1.43 m kg
D412-702-073	-2.6 lb	± 22.0 in	± 57.2 in lb	47.0 in	-122.2 in lb
Pilot/Co-pilot Shoulder Harness Kit	-1.2 kg	± 0.56 m	± 0.67 m kg	1.19 m	-1.43 m kg
D412-702-075	-2.6 lb	± 22.0 in	± 57.2 in lb	47.0 in	-122.2 in lb
Pilot/Co-pilot Shoulder Harness Kit	-1.2 kg	± 0.56 m	± 0.67 m kg	1.19 m	-1.43 m kg

5.0 PARTS LISTS

QTY -071	QTY -073	QTY -075	Part Number	Description
X			D412-702-071	Dart Pilot/Co-Pilot Shoulder Harness Kit
	X		D412-702-073	Dart Pilot/Co-Pilot Shoulder Harness Kit
		X	D412-702-075	Dart Pilot/Co-Pilot Shoulder Harness Kit
1			D4305-041	SHOULDER HARNESS
	1		D4305-043	SHOULDER HARNESS
		1	D4305-045	SHOULDER HARNESS
4	4	4	AN3-2A	BOLT
2	2	2	AN3-3A	BOLT
2	2	2	AN3-10A	BOLT
4	4	4	AN970-1	WASHER
6	6	6	MS21042L3	NUT
2	2	2	MS21042L4	NUT
10	10	10	NAS1149D03221	WASHER
6	6	6	NAS1149D03631	WASHER
4	4	4	NAS1149D04323	WASHER
4	4	4	NAS1149D04633	WASHER